

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims

Cancel claims 1-19.

20. (currently amended) A luminaire [~~as defined in claim 19~~] for providing uniform color and brightness comprising:
multiple LEDs arranged on a plane in a geometric pattern;
a plurality of ring lenses, at least a portion of each ring lens at least partially surrounding a corresponding LED, a portion of each ring lens being canted in section for providing a canted radial beam at an angle to the plane on which the LEDs are arranged; and
wherein the plane in which the LEDs are arranged is located substantially parallel to a first surface onto which the canted radial beams are projected.

21. (previously presented) A luminaire as defined in claim 20 wherein the first surface is reflective, reflecting the canted radial beams.

22. (previously presented) A luminaire as defined in claim 20 wherein the first surface is refractive, refracting the canted radial beams.

23. (currently amended) A luminaire [~~as defined in claim 19~~] for providing uniform color and brightness comprising:
multiple LEDs arranged on a plane in a geometric pattern;

a plurality of ring lenses, at least a portion of each ring lens at least partially surrounding a corresponding LED, a portion of each ring lens being canted in section for providing a canted radial beam at an angle to the plane on which the LEDs are arranged; and

wherein the ring lenses surrounding the corresponding LED are comprised of a first and second canted portion, respectively projecting a first and second canted radial beam, each at an angle to the plane on which the LEDs are arranged.

24. (previously presented) A luminaire as defined in claim 23. wherein the plane on which the LEDs are arranged is substantially parallel to a first surface onto which the first canted radial beams are projected.

25. (previously presented) A luminaire as defined in claim 23 wherein said first surface is reflective.

26. (previously presented) A luminaire as defined in claim 23 wherein said first surface is refractive.

27. (previously presented) A luminaire as defined in claim 23 wherein there is a first and second surface, each substantially parallel to the plane on which the LEDs are arranged, said first canted ring portion projecting a first canted radial beam onto said first surface and said second canted ring portion projecting a second canted radial beam onto said second surface.

Cancel claims 28 and 29.

30. (previously presented) A luminaire as defined in claim 27 wherein one surface is reflective and one surface is refractive.

Cancel claims 31 and 32.

33. (currently amended) A luminaire [~~as defined in claim 19~~]
for providing uniform color and brightness comprising:
multiple LEDs arranged on a plane in a geometric pattern;
a plurality of ring lenses, at least a portion of each ring lens at least partially
surrounding a corresponding LED, a portion of each ring lens being canted in section
for providing a canted radial beam at an angle to the plane on which the LEDs are
arranged; and
wherein the ring lens is in the form of an off axis collimating ring lens.

34. (previously presented) A luminaire as defined in claim 33 wherein the
ring lens has a central axis and there is a central projection axis of the off axis
collimating ring lens which is disposed at an angle other than 90 degrees to the
central axis of the ring lens.

35. (previously presented) A luminaire as defined in claim 34 wherein the
ring lens comprises a rotated section which is parabolic or spherical.